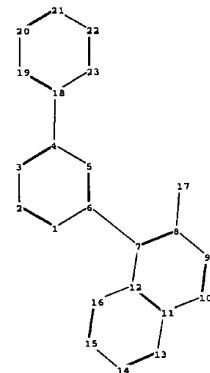
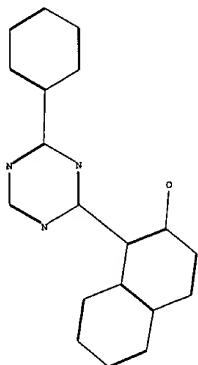


C:\STNEXP4\QUERIES\09964919.str



chain nodes :

17

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 19 20 21 22 23

chain bonds :

4-18 6-7 8-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 11-13 12-16 13-14  
14-15 15-16 18-19 18-23 19-20 20-21 21-22 22-23

exact/norm bonds :

8-17

exact bonds :

4-18 6-7

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 11-13 12-16 13-14  
14-15 15-16 18-19 18-23 19-20 20-21 21-22 22-23

isolated ring systems :

containing 1 : 7 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom  
22:Atom 23:Atom

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID: sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \*      Welcome to STN International      \* \* \* \* \* \* \* \* \* \* \*  
NEWS 1                Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25        BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 25        Searching with the P indicator for Preparations  
NEWS 4 Jan 29        FSTA has been reloaded and moves to weekly updates  
NEWS 5 Feb 01        DKILIT now produced by FIZ Karlsruhe and has a new update  
                      frequency  
NEWS 6 Feb 19        Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 7 Mar 08        Gene Names now available in BIOSIS  
NEWS 8 Mar 22        TOXLIT no longer available  
NEWS 9 Mar 22        TRCTHERMO no longer available  
NEWS 10 Mar 28       US Provisional Priorities searched with P in CA/CAplus  
                      and USPATFULL  
NEWS 11 Mar 28       LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 12 Apr 02       PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.

NEWS EXPRESS	February 1 CURRENT WINDOWS VERSION IS V6.0a, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:53:14 ON 03 APR 2002

=> file reg  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:53:19 ON 03 APR 2002

09/964,919

V. Balasubramanian

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 31 MAR 2002 HIGHEST RN 403694-27-9  
DICTIONARY FILE UPDATES: 31 MAR 2002 HIGHEST RN 403694-27-9

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the H/Z/CA/CAplus files between 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches during this period, either directly appended to a CAS Registry Number or by qualifying an L-number with /P, may have yielded incomplete results. As of 1/23/02, the situation has been resolved. Also, note that searches conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files incorporating CAS Registry Numbers with the P indicator between 12/27/01 and 1/23/02, are encouraged to re-run these strategies. Contact the CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698, worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to receive a credit for any duplicate searches.

=>  
Uploading 09964919.str

L1 STRUCTURE uploaded

=> d l1  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 10:53:51 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE  
  
100.0% PROCESSED 2 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01  
  
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2 TO 124

09/964,919

V. Balasubramanian

PROJECTED ANSWERS: 0 TO 0  
L2 0 SEA SSS SAM L1  
=> s 11 sss ful  
FULL SEARCH INITIATED 10:54:06 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 39 TO ITERATE  
100.0% PROCESSED 39 ITERATIONS 14 ANSWERS  
SEARCH TIME: 00.00.01  
L3 14 SEA SSS FUL L1  
=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
140.66 140.87

FILE 'CAPLUS' ENTERED AT 10:54:14 ON 03 APR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 3 Apr 2002 VOL 136 ISS 14  
FILE LAST UPDATED: 2 Apr 2002 (20020402/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> s 13  
L4 7 L3  
=> d 14 1-7 bib hitstr  
L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS

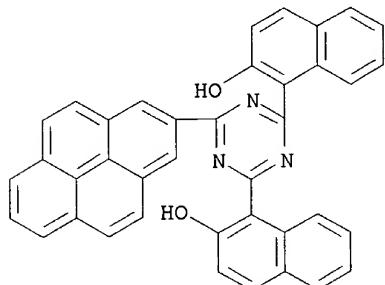
V. Balasubramanian

AN 2001:280524 CAPLUS  
 DN 134:318622  
 TI Yellow toner and Method of forming full-color image  
 IN Nonaka, Katsuyuki; Inaba, Koji; Nakamura, Tatsuya; Kawakami, Hiroaki;  
 Handa, Satoshi; Moriki, Yuji  
 PA Canon Inc., Japan  
 SO Jpn. Kokai Tokkyo Koho, 33 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001109197	A2	20010420	JP 1999-284753	19991005
OS	MARPAT 134:318622				
IT	<b>20572-37-6</b> , C.I.Pigment Yellow 148			RL: TEM (Technical or engineered material use); USES (Uses)	
				(yellow toner for formation full-color image)	
RN	20572-37-6 CAPLUS				
CN	2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)				
	(CA INDEX NAME)				



L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 2000:768039 CAPLUS  
 DN 133:357343

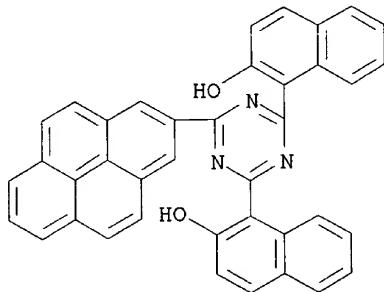
TI Touch panel in liquid crystal display  
 IN Yamada, Katsuaki; Takahama, Kengo  
 PA Sharp Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000305715	A2	20001102	JP 1999-115655	19990423
IT	<b>20572-37-6</b> , C.I.Pigment Yellow 148			RL: DEV (Device component use); USES (Uses)	
				(liq. crystal display with touch panel having color compensation film contg.)	
RN	20572-37-6 CAPLUS				
CN	2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)				
	(CA INDEX NAME)				

V. Balasubramanian



L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:528529 CAPLUS  
DN 127:135813

TI Preparation of s-triazine derivatives as sunscreen agents for cosmetics.  
IN Huber, Ulrich  
PA Givaudan-Roure (International) S.A., Switz.  
SO Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW

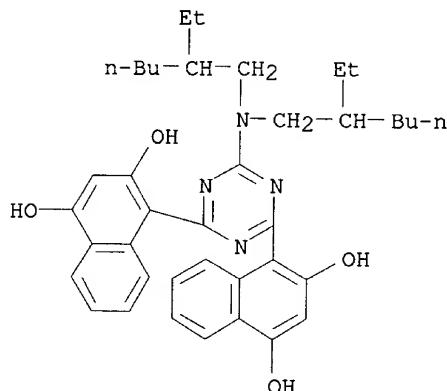
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 780382	A1	19970625	EP 1996-119936	19961212
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
	ZA 9609011	A	19970619	ZA 1996-9011	19961025
	US 5874576	A	19990223	US 1996-766540	19961211
	IL 119828	A1	20000229	IL 1996-119828	19961213
	JP 09176135	A2	19970708	JP 1996-335993	19961216
	AU 9675432	A1	19970626	AU 1996-75432	19961218
	AU 720760	B2	20000608		
PRAI	CH 1995-3580	A	19951219		
	CH 1996-2305	A	19960920		
OS	MARPAT 127:135813				
IT	<b>192947-41-4P</b>				
	RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of s-triazine derivs. as sunscreen agents for cosmetics)				
RN	192947-41-4 CAPLUS				
CN	1,3-Naphthalenediol, 4,4'-(6-[bis(2-ethylhexyl)amino]-1,3,5-triazine-2,4-diyl)bis- (9CI) (CA INDEX NAME)				

V. Balasubramanian



L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1992:262585 CAPLUS

DN 116:262585

TI Artificial hair from poly(vinylidene fluoride) (PVF)  
IN Krahmer, Gerhard M.

PA Germany

SO Ger. Offen., 4 pp.

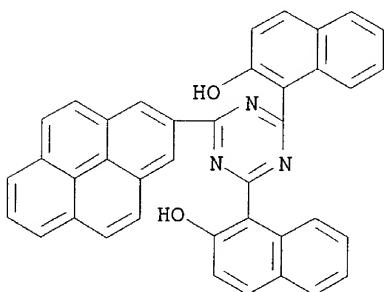
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

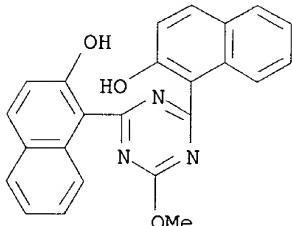
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4134320	A1	19920423	DE 1991-4134320	19911017
	DE 4134320	C2	19931028		
PRAI	DE 1990-9014598		19901022		
	DE 1990-9015733		19901116		
IT	<b>20572-37-6</b> , C.I. Pigment Yellow 148				
	RL: BIOL (Biological study)				
	(artificial hair from poly(vinylidene fluoride) monofilaments dyeing with)				
RN	20572-37-6 CAPLUS				
CN	2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)				
	(CA INDEX NAME)				



V. Balasubramanian

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1987:498067 CAPLUS  
DN 107:98067  
TI Criteria for selection of dyes for batch dyeing of polyamide-6 fibers  
AU Benedikty, Jan  
CS Chemosvit, N. P., Svit, 059 21, Czech.  
SO Chem. Vlakna (1986), 36(4), 233-44  
CODEN: CMVLA8; ISSN: 0528-9432  
DT Journal  
LA Slovak  
IT 61815-07-4  
RL: USES (Uses)  
(DTA study of, polyamide fiber dyeing in relation to)  
RN 61815-07-4 CAPLUS

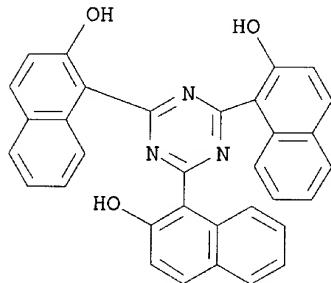
L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1974:552177 CAPLUS  
DN 81:152177  
TI Friedel-Crafts reactions of phenols with cyanuric chloride  
AU Horikoshi, Yoshio; Ohto, Yukio; Sekiguchi, Shizen; Matsui, Kohji  
CS Fac. Eng., Gunma Univ., Kiryu, Japan  
SO Nippon Kagaku Kaishi (1974), (3), 530-5  
CODEN: NKAKB8  
DT Journal  
LA Japanese  
IT 54326-50-0P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)  
RN 54326-50-0 CAPLUS  
CN 2-Naphthalenol, 1,1'-(6-methoxy-1,3,5-triazine-2,4-diyl)bis- (9CI) (CA  
INDEX NAME)



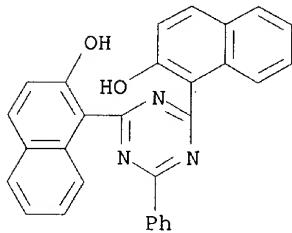
L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1968:437113 CAPLUS  
DN 69:37113  
TI Bis(2-hydroxy-1-naphthyl)-s-triazine dyes  
PA CIBA Ltd.  
SO Brit., 6 pp.  
CODEN: BRXXAA  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO.      KIND      DATE      APPLICATION NO.      DATE  
-----      -----      -----      -----      -----

V. Balasubramanian

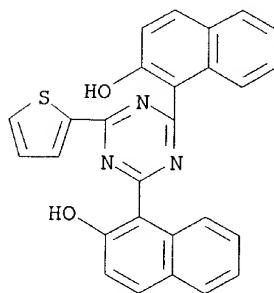
PI GB 1107143 A 19680320 GB 1967-4249 19670127  
PRAI CH 1966-18126 A 19661219  
IT 17419-37-3P 19662-11-4P 19746-68-0P  
19746-69-1P 19746-70-4P 19746-71-5P  
19869-69-3P 20075-80-3P 20075-81-4P  
20572-37-6P  
RL: IMF (Industrial manufacture); PREP (Preparation)  
(prepn. of)  
RN 17419-37-3 CAPLUS  
CN 2-Naphthol, 1,1',1'''-s-triazine-2,4,6-triyltri- (7CI, 8CI) (CA INDEX NAME)



RN 19662-11-4 CAPLUS  
CN 2-Naphthol, 1,1'-(6-phenyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)

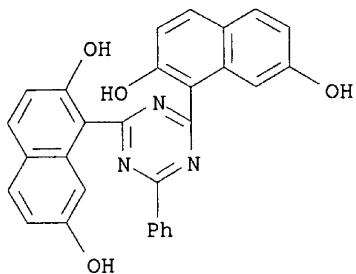


RN 19746-68-0 CAPLUS  
CN 2-Naphthol, 1,1'-[6-(2-thienyl)-s-triazine-2,4-diyl]di- (8CI) (CA INDEX NAME)

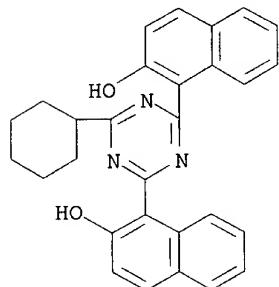


V. Balasubramanian

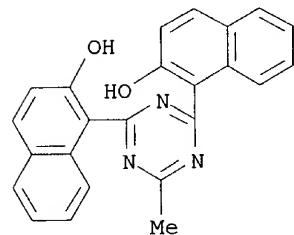
RN 19746-69-1 CAPLUS  
CN 2,7-Naphthalenediol, 1,1'-(6-phenyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)



RN 19746-70-4 CAPLUS  
CN 2-Naphthol, 1,1'-(6-cyclohexyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)

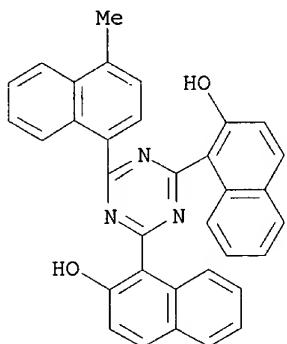


RN 19746-71-5 CAPLUS  
CN 2-Naphthol, 1,1'-(6-methyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)

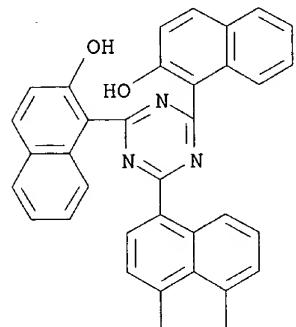


RN 19869-69-3 CAPLUS  
CN 2-Naphthol, 1,1'-(6-(4-methyl-1-naphthyl)-s-triazine-2,4-diyl)di- (8CI)  
(CA INDEX NAME)

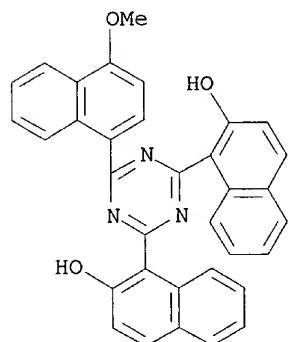
V. Balasubramanian



RN 20075-80-3 CAPLUS  
CN 2-Naphthol, 1,1'-[6-(5-acenaphthenyl)-s-triazine-2,4-diyl]di- (8CI) (CA INDEX NAME)



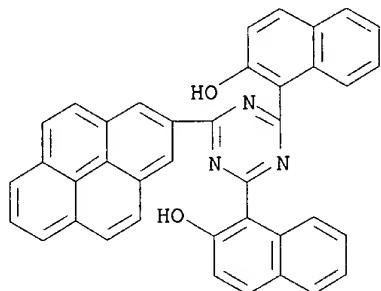
RN 20075-81-4 CAPLUS  
CN 2-Naphthol, 1,1'-[6-(4-methoxy-1-naphthyl)-s-triazine-2,4-diyl]di- (8CI) (CA INDEX NAME)



RN 20572-37-6 CAPLUS  
CN 2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)

V. Balasubramanian

(CA INDEX NAME)



=> log y  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
20.05	160.92

STN INTERNATIONAL LOGOFF AT 10:54:42 ON 03 APR 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID: ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \*      Welcome to STN International      \* \* \* \* \* \* \* \* \* \* \*  
NEWS 1            Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25     BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 25     Searching with the P indicator for Preparations  
NEWS 4 Jan 29     FSTA has been reloaded and moves to weekly updates  
NEWS 5 Feb 01     DKILIT now produced by FIZ Karlsruhe and has a new update  
                  frequency  
NEWS 6 Feb 19     Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 7 Mar 08     Gene Names now available in BIOSIS  
NEWS 8 Mar 22     TOXLIT no longer available  
NEWS 9 Mar 22     TRCTHERMO no longer available  
NEWS 10 Mar 28    US Provisional Priorities searched with P in CA/CAplus  
                  and USPATFULL  
NEWS 11 Mar 28    LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 12 Apr 02    PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

**NEWS HOURS STN Operating Hours Plus Help Desk Availability**

## NEWS INTER General Internet Information

NEWS LOGIN      Welcome Banner and News Items

**NEWS PHONE** Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:53:14 ON 03 APR 2002

=> file reg  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:53:19 ON 03 APR 2002

09/964, 919

V. Balasubramanian

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 31 MAR 2002 HIGHEST RN 403694-27-9  
DICTIONARY FILE UPDATES: 31 MAR 2002 HIGHEST RN 403694-27-9

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
CAS Registry Numbers that were added to the H/Z/CA/CAplus files between  
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
during this period, either directly appended to a CAS Registry Number  
or by qualifying an L-number with /P, may have yielded incomplete results.  
As of 1/23/02, the situation has been resolved. Also, note that searches  
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files  
incorporating CAS Registry Numbers with the P indicator between 12/27/01  
and 1/23/02, are encouraged to re-run these strategies. Contact the  
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
receive a credit for any duplicate searches.

=>  
Uploading 09964919.str

L1           STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1           STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 10:53:51 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -       2 TO ITERATE

100.0% PROCESSED           2 ITERATIONS                           0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE    \*\*COMPLETE\*\*  
                                 BATCH     \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:        2 TO      124

V. Balasubramanian

PROJECTED ANSWERS: 0 TO 0  
L2 0 SEA SSS SAM L1  
=> s 11 sss ful  
FULL SEARCH INITIATED 10:54:06 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 39 TO ITERATE  
100.0% PROCESSED 39 ITERATIONS  
SEARCH TIME: 00.00.01 14 ANSWERS

L3 14 SEA SSS FUL L1  
=> file caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST SINCE FILE TOTAL  
140.66 ENTRY SESSION 140.87

FILE 'CAPLUS' ENTERED AT 10:54:14 ON 03 APR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 3 Apr 2002 VOL 136 ISS 14  
FILE LAST UPDATED: 2 Apr 2002 (20020402/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

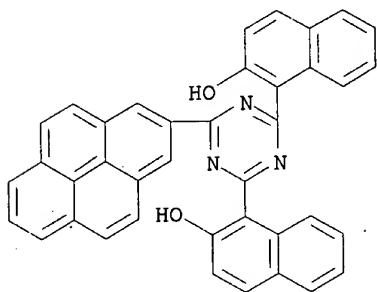
The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAplus files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> s 13  
L4 7 L3  
=> d 14 1-7 bib hitstr

V. Balasubramanian

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:280524 CAPLUS  
DN 134:318622  
TI Yellow toner and Method of forming full-color image  
IN Nonaka, Katsuyuki; Inaba, Koji; Nakamura, Tatsuya; Kawakami, Hiroaki;  
Handa, Satoshi; Moriki, Yuji  
PA Canon Inc., Japan  
SO Jpn. Kokai Tokkyo Koho, 33 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001109197	A2	20010420	JP 1999-284753	19991005
OS	MARPAT 134:318622				
IT	20572-37-6, C.I.Pigment Yellow 148			RL: TEM (Technical or engineered material use); USES (Uses)	
				(yellow toner for formation full-color image)	
RN	20572-37-6 CAPLUS				
CN	2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)			(CA INDEX NAME)	



V. Balasubramanian

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:768039 CAPLUS

DN 133:357343

TI Touch panel in liquid crystal display

IN Yamada, Katsuaki; Takahama, Kengo

PA Sharp Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

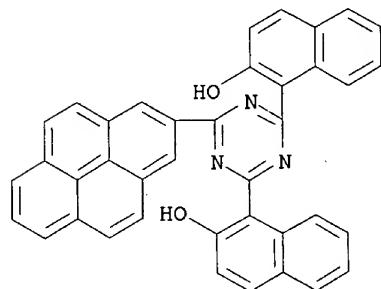
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

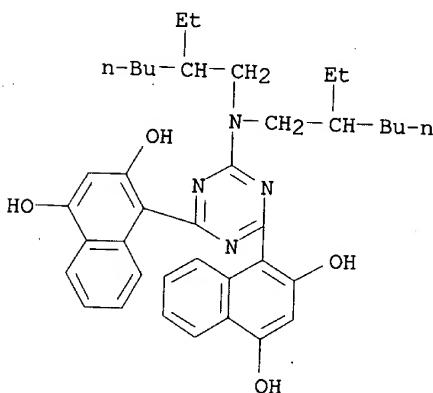
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000305715	A2	20001102	JP 1999-115655	19990423
IT	<b>20572-37-6</b> , C.I.Pigment Yellow 148				
	RL: DEV (Device component use); USES (Uses)				
	(liq. crystal display with touch panel having color compensation film				
	contg.)				
RN	20572-37-6 CAPLUS				
CN	2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)				
	(CA INDEX NAME)				



V. Balasubramanian

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:528529 CAPLUS  
DN 127:135813  
TI Preparation of s-triazine derivatives as sunscreen agents for cosmetics.  
IN Huber, Ulrich  
PA Givaudan-Roure (International) S.A., Switz.  
SO Eur. Pat. Appl., 14 pp.  
CODEN: EPXXDW  
DT Patent  
LA German  
FAN.CNT 1

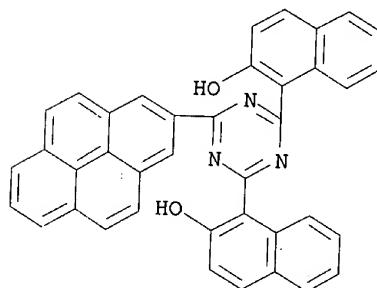
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 780382	A1	19970625	EP 1996-119936	19961212
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
	ZA 9609011	A	19970619	ZA 1996-9011	19961025
	US 5874576	A	19990223	US 1996-766540	19961211
	IL 119828	A1	20000229	IL 1996-119828	19961213
	JP 09176135	A2	19970708	JP 1996-335993	19961216
	AU 9675432	A1	19970626	AU 1996-75432	19961218
	AU 720760	B2	20000608		
PRAI	CH 1995-3580	A	19951219		
	CH 1996-2305	A	19960920		
OS	MARPAT 127:135813				
IT	<b>192947-41-4P</b>				
	RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)				
RN	192947-41-4 CAPLUS				
CN	1,3-Naphthalenediol, 4,4'-[6-[bis(2-ethylhexyl)amino]-1,3,5-triazine-2,4-diy]bis- (9CI) (CA INDEX NAME)				



V. Balasubramanian

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1992:262585 CAPLUS  
DN 116:262585  
TI Artificial hair from poly(vinylidene fluoride) (PVF)  
IN Krahmer, Gerhard M.  
PA Germany  
SO Ger. Offen., 4 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4134320	A1	19920423	DE 1991-4134320	19911017
	DE 4134320	C2	19931028		
PRAI	DE 1990-9014598		19901022		
	DE 1990-9015733		19901116		
IT	20572-37-6, C.I. Pigment Yellow 148				
	RL: BIOL (Biological study)				
	(artificial hair from poly(vinylidene fluoride) monofilaments dyeing with)				
RN	20572-37-6 CAPLUS				
CN	2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (CA INDEX NAME)				

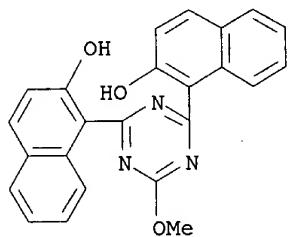


V. Balasubramanian

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1987:498067 CAPLUS  
DN 107:98067  
TI Criteria for selection of dyes for batch dyeing of polyamide-6 fibers  
AU Benedikty, Jan  
CS Chemosvit, N. P., Svit, 059 21, Czech.  
SO Chem. Vlakna (1986), 36(4), 233-44  
CODEN: CMVLA8; ISSN: 0528-9432  
DT Journal  
LA Slovak  
IT 61815-07-4  
RL: USES (Uses)  
(DTA study of, polyamide fiber dyeing in relation to)  
RN 61815-07-4 CAPLUS

V. Balasubramanian

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1974:552177 CAPLUS  
DN 81:152177  
TI Friedel-Crafts reactions of phenols with cyanuric chloride  
AU Horikoshi, Yoshio; Ohto, Yukio; Sekiguchi, Shizen; Matsui, Kohji  
CS Fac. Eng., Gunma Univ., Kiryu, Japan  
SO Nippon Kagaku Kaishi (1974), (3), 530-5  
CODEN: NKAKB8  
DT Journal  
LA Japanese  
IT 54326-50-0P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)  
RN 54326-50-0 CAPLUS  
CN 2-Naphthalenol, 1,1'-(6-methoxy-1,3,5-triazine-2,4-diyl)bis- (9CI) (CA  
INDEX NAME)



V. Balasubramanian

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS  
AN 1968:437113 CAPLUS  
DN 69:37113  
TI Bis(2-hydroxy-1-naphthyl)-s-triazine dyes  
PA CIBA Ltd.  
SO Brit., 6 pp.  
CODEN: BRXXAA

DT Patent

LA English

FAN.CNT 1

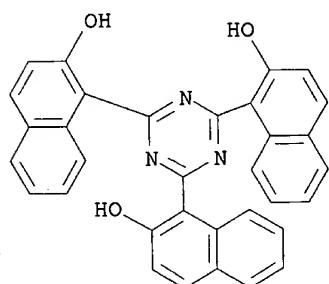
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI GB 1107143	A	19680320	GB 1967-4249	19670127
PRAI CH 1966-18126	A	19661219		

IT 17419-37-3P 19662-11-4P 19746-68-0P  
19746-69-1P 19746-70-4P 19746-71-5P  
19869-69-3P 20075-80-3P 20075-81-4P  
20572-37-6P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(prepn. of)

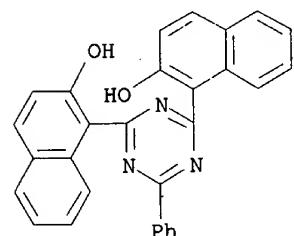
RN 17419-37-3 CAPLUS

CN 2-Naphthol, 1,1',1'''-s-triazine-2,4,6-triyltri- (7CI, 8CI) (CA INDEX  
NAME)



RN 19662-11-4 CAPLUS

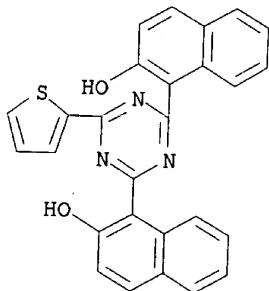
CN 2-Naphthol, 1,1'-(6-phenyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)



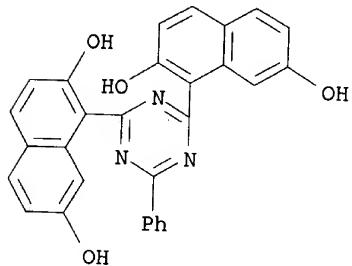
RN 19746-68-0 CAPLUS

CN 2-Naphthol, 1,1'-[6-(2-thienyl)-s-triazine-2,4-diyl]di- (8CI) (CA INDEX  
NAME)

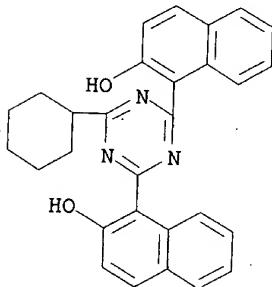
V. Balasubramanian



RN 19746-69-1 CAPLUS  
CN 2,7-Naphthalenediol, 1,1'-(6-phenyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)

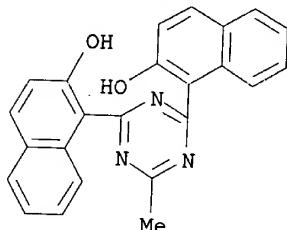


RN 19746-70-4 CAPLUS  
CN 2-Naphthol, 1,1'-(6-cyclohexyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)

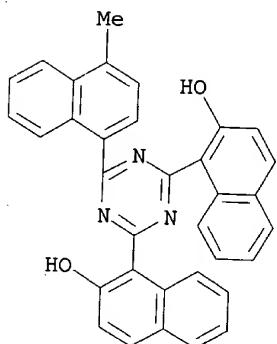


RN 19746-71-5 CAPLUS  
CN 2-Naphthol, 1,1'-(6-methyl-s-triazine-2,4-diyl)di- (8CI) (CA INDEX NAME)

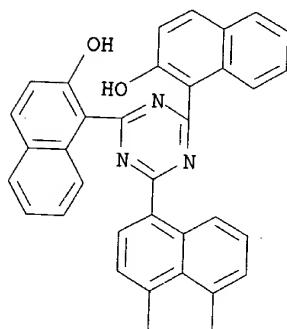
V. Balasubramanian



RN 19869-69-3 CAPLUS  
CN 2-Naphthol, 1,1'-(6-(4-methyl-1-naphthyl)-s-triazine-2,4-diyl)di- (8CI)  
(CA INDEX NAME)

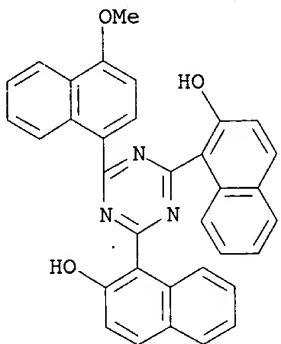


RN 20075-80-3 CAPLUS  
CN 2-Naphthol, 1,1'-(6-(5-acenaphthyl)-s-triazine-2,4-diyl)di- (8CI) (CA  
INDEX NAME)



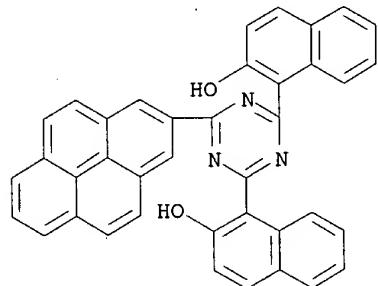
RN 20075-81-4 CAPLUS  
CN 2-Naphthol, 1,1'-(6-(4-methoxy-1-naphthyl)-s-triazine-2,4-diyl)di- (8CI)  
(CA INDEX NAME)

V. Balasubramanian



RN 20572-37-6 CAPLUS

CN 2-Naphthalenol, 1,1'-[6-(2-pyrenyl)-1,3,5-triazine-2,4-diyl]bis- (9CI)  
(CA INDEX NAME)



V. Balasubramanian

=> log y  
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
20.05	160.92

STN INTERNATIONAL LOGOFF AT 10:54:42 ON 03 APR 2002